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Industrial Fishery Products - 1971

ANNUAL SUMMARY (PRELIMINARY)

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National Oceanic and Atmospheric Administration
National Marine Fisheries Service

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FISH & WILDLIFE SERVICE

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Source of data:--Since 1921, the National Marine Fisheries Service of the National Oceanic and Atmospheric Administration and its predecessor organizations have made annual surveys for statistics on the domestic production of industrial fishery products. The data collected include statistics on the production and value of each commodity. The value shown for the products constitutes the gross amount received by the producer at production point; no deductions are made for commission or expenses.

REVIEW

The 1971 production of industrial fishery products by 123 plants in the United States, American Samoa, and Puerto Rico was valued at \$105.7 million -- an increase of \$6.2 million compared with 1970.

Marine animal scrap and meal:--The 1971 production of 292,429 tons was 8.6 percent over the 1970 production and the largest since 1962. Menhaden meal (221,004 tons) accounted for 76 percent of total meal production. Landings of menhaden at Gulf ports established a new record in 1971. Total menhaden landings were about 2.2 billion pounds--about 19 percent above those of the previous year.

Imports of fish meal were 283,249 tons, 13 percent greater than the 251,492 tons imported in 1970 and accounted for 49 percent of the total supply.

The total supply of fish meal (imports plus domestic production) for use in this country in 1971 was 575,678 tons.

Marine animal oil:--The domestic production of marine animal oil was 262.3 million pounds --27 percent above the 1970 yield of 206.1 million pounds. Menhaden oil totaled 242.1 million pounds in 1971 and accounted for 92 percent of the total production. U.S. exports of domestic fish oils were 229.9 million pounds in 1971 -- 71.1 million pounds more than the 158.8 million pounds exported in 1970.

Fish solubles:--The 1971 production of fish solubles was 110,403 tons -- about 16 percent above the 94,968 tons produced in 1970. Nearly 83 percent of the total came from menhaden.

Other industrial products:--Products from oyster shells were valued at \$4.1 million compared with \$3.4 million in 1970. Other industrial items produced in 1971 included agar-agar, animal feeds, crab and clam shells processed for serving food, fish feed pellets, Irish moss extracts, kelp products, leather products, liquid fertilizer, colored mussel chips, mussel shell lime, and pearl essence. These items were valued at \$31.4 million in 1971 -- compared with \$26.6 million in 1970.

SUMMARY OF PRODUCTION, BY PRODUCTS, 1971

PRODUCTS	PLANTS	UNIT OF QUANTITY	QUANTITY	VALUE
	<u>NUMBER</u>			<u>DOLLARS</u>
MARINE ANIMAL SCRAP AND MEAL	107	TONS	292, 429	44, 454, 204
MARINE ANIMAL OILS , BODY	63	THOUSAND POUNDS	262, 342	20, 729, 850
FISH SOLUBLES	27	TONS	110, 403	4, 988, 705
OYSTER SHELL GRIT & LIME ("LIVE AND REEF SHELLS")	6	TONS	228, 606	4, 128, 422
MISCELLANEOUS INDUSTRIAL PRODUCTS . .	29	-	-	31, 377, 354
TOTAL	1/123	-	-	105, 678, 535

1/ EXCLUSIVE OF DUPLICATION.

VALUE OF PRODUCTION, BY STATES, 1971

STATE	VALUE
	<u>DOLLARS</u>
MAINE	13, 675, 559
MASSACHUSETTS AND RHODE ISLAND	2, 345, 500
NEW JERSEY AND PENNSYLVANIA	2, 031, 000
MARYLAND	1, 229, 302
VIRGINIA	10, 607, 592
NORTH CAROLINA	2, 331, 726
GEORGIA AND ALABAMA	2, 014, 982
FLORIDA	476, 933
MISSISSIPPI	8, 800, 879
LOUISIANA	33, 451, 889
TEXAS, IOWA AND WISCONSIN	3, 195, 103
WASHINGTON	1, 696, 981
OREGON	918, 331
CALIFORNIA	21, 457, 263
AMERICAN SAMOA AND PUERTO RICO	1, 445, 495
TOTAL	105, 678, 535

PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1971

AREA AND STATE	PLANTS	AREA AND STATE	PLANTS
	<u>NUMBER</u>		<u>NUMBER</u>
NEW ENGLAND:		SOUTH ATLANTIC AND GULF (CONTINUED):	
MAINE	10	MISSISSIPPI	6
MASSACHUSETTS	2	LOUISIANA	29
RHODE ISLAND	1	TEXAS	2
TOTAL	13	TOTAL	58
MIDDLE ATLANTIC:		GREAT LAKES, WISCONSIN	1
NEW JERSEY	4	MISSISSIPPI RIVER, IOWA	2
PENNSYLVANIA	1	PACIFIC COAST:	
TOTAL	5	WASHINGTON	7
CHESAPEAKE:		OREGON	3
MARYLAND	4	CALIFORNIA	17
VIRGINIA	8	TOTAL	27
TOTAL	12	AMERICAN SAMOA	2
SOUTH ATLANTIC AND GULF:		PUERTO RICO	3
NORTH CAROLINA	15	GRAND TOTAL	123
GEORGIA	1		
FLORIDA	3		
ALABAMA	2		
(CONTINUED)			

NOTE:--LISTS OF MANUFACTURERS OF INDUSTRIAL FISHERY PRODUCTS BY INDIVIDUAL COMMODITIES MAY BE OBTAINED FROM U.S. DEPARTMENT OF COMMERCE, NATIONAL MARINE FISHERIES SERVICE, STATISTICS AND MARKET NEWS DIVISION 1801 N. MOORE ST., ARLINGTON, VA. 22209.

PRODUCTION OF MARINE ANIMAL SCRAP AND MEAL, 1971

PRODUCTS	ATLANTIC AND GULF COASTS		PACIFIC COAST AND TERRITORIES		TOTAL	
	TONS	DOLLARS	TONS	DOLLARS	TONS	DOLLARS
DRIED SCRAP AND MEAL:						
ANCHOVY	-	-	7,718	1,195,465	7,718	1,195,465
CRAB	8,586	447,066	652	35,503	9,238	482,569
HERRING, SEA	1/ 5,163	1/ 855,685	-	-	5,163	855,685
MENHADEN	221,004	34,968,799	-	-	221,004	34,968,799
SHRIMP	1/ 701	1/ 38,483	-	-	701	38,483
THREAD HERRING	1,057	169,186	-	-	1,057	169,186
TUNA AND MACKEREL	-	-	2/ 29,287	2/ 3,705,977	29,287	3,705,977
WHALE	-	-	189	30,305	189	30,305
UNCLASSIFIED	3/ 15,765	3/ 2,715,237	2,307	292,498	18,072	3,007,735
TOTAL	252,276	39,194,456	40,153	5,259,748	292,429	44,454,204

1/INCLUDES QUANTITIES PRODUCED ON THE PACIFIC COAST. 2/ INCLUDES QUANTITIES PRODUCED ON THE ATLANTIC COAST.
 3/ INCLUDES QUANTITIES PRODUCED IN THE GREAT LAKES AND MISSISSIPPI RIVER.

PRODUCTION OF MARINE ANIMAL OIL, 1971

PRODUCTS	ATLANTIC AND GULF COAST		PACIFIC COAST AND PUERTO RICO		TOTAL	
	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS
BODY OIL:						
ANCHOVY	-	-	3,169	175,702	3,169	175,702
HERRING, SEA	1/ 5,856	1/ 488,388	-	-	5,856	488,388
MENHADEN	242,071	19,267,705	-	-	242,071	19,267,705
THREAD HERRING	1,333	102,400	-	-	1,333	102,400
TUNA AND MACKEREL	-	-	4,933	255,233	4,933	255,233
WHALE:						
SPERM	-	-	344	34,419	344	34,419
OTHER	-	-	74	5,169	74	5,169
UNCLASSIFIED	2/ 3,241	2/ 321,717	1,321	79,117	4,562	400,834
TOTAL	252,501	20,180,210	9,841	549,640	262,342	20,729,850

1/INCLUDES QUANTITIES PRODUCED ON THE PACIFIC COAST. 2/ INCLUDES LIVER OILS.
 NOTE: TO CONVERT POUNDS OF OIL TO GALLONS, DIVIDE BY 7.75.

PRODUCTION OF FISH SOLUBLES, 1971

PRODUCT, STATE, AND NUMBER OF PLANTS	QUANTITY	VALUE
	TONS	DOLLARS
FISH SOLUBLES:		
MASSACHUSETTS (1) RHODE ISLAND (1) AND NEW JERSEY (1)	6,000	405,653
VIRGINIA (2) AND FLORIDA (1)	23,475	965,995
NORTH CAROLINA (3)	4,784	215,297
MISSISSIPPI (3)	14,303	572,040
LOUISIANA (9) AND TEXAS (1)	45,823	1,877,308
CALIFORNIA (4) AND OREGON (1)	16,018	952,412
TOTAL (27)	110,403	4,988,705

NOTE: INCLUDES MENHADEN SOLUBLES.

PRODUCTION OF MENHADEN PRODUCTS, 1971

STATE AND NUMBER OF PLANTS	DRIED SCRAP AND MEAL		OIL		SOLUBLES		TOTAL
	TONS	DOLLARS	POUNDS	DOLLARS	TONS	DOLLARS	DOLLARS
RHODE ISLAND (1) NEW JERSEY (1), VIRGINIA (2) & FLORIDA (1) . . .	47,286	7,445,100	48,161,577	3,996,989	26,454	1,113,736	12,555,825
NORTH CAROLINA (8)	8,469	1,398,094	3,220,559	246,845	4,784	215,297	1,860,236
MISSISSIPPI (3)	31,722	5,169,825	34,010,208	2,691,264	14,303	572,040	8,433,129
LOUISIANA (9) AND TEXAS (1) . . .	133,527	20,955,780	156,678,379	12,332,607	45,700	1,872,140	35,160,527
TOTAL (26)	221,004	34,968,799	242,070,723	19,267,705	91,241	3,773,213	58,009,717

NOTE:-- INCLUDES A SMALL QUANTITY MADE FROM OTHER SPECIES.

PRODUCTION OF OYSTER SHELL PRODUCTS, 1971 ("LIVE AND REEF SHELLS")

STATE AND NUMBER OF PLANTS	POULTRY GRIT		LIME, BURNED AND UNBURNED		TOTAL	
	TONS	DOLLARS	TONS	DOLLARS	TONS	DOLLARS
PENNSYLVANIA (1), MARYLAND (1), VIRGINIA (1), ALABAMA (1), TEXAS (1), AND OREGON (1)	195,884	3,738,230	32,722	390,192	228,606	4,128,422

PRODUCTION OF MARINE PEARL SHELL BUTTONS, 1971

ONLY TWO PLANTS PRODUCED PEARL SHELL BUTTONS IN 1971.
PRODUCTION OF MARINE SHELL BUTTONS HAS BEEN INCLUDED
IN THE TABLE "PRODUCTION OF MISCELLANEOUS INDUSTRIAL
FISHERY PRODUCTS."

PRODUCTION OF MISCELLANEOUS INDUSTRIAL FISHERY PRODUCTS, 1971

PRODUCT	STATE AND NUMBER OF PLANTS	VALUE
		DOLLARS
AGAR-AGAR	CALIFORNIA (1)	31,377,354
ANIMAL FEEDS AND FISH FEED PELLETS . .	CALIFORNIA (3), OREGON (1), VIRGINIA (1), AND WASHINGTON (2)	
CLAM AND CRAB SHELLS (PROCESSED FOR FOOD SERVING)	ALABAMA (1) MISSISSIPPI (3) AND NORTH CAROLINA (1)	
IRISH MOSS EXTRACTS	MAINE (2)	
KELP PRODUCTS	CALIFORNIA (3)	
LEATHER PRODUCTS	NEW JERSEY (1)	
LIQUID FERTILIZER	CALIFORNIA (1)	
MARINE PEARL SHELL BUTTONS	NEW JERSEY (2)	
MUSSEL CHIPS COLORED	IOWA (1)	
MUSSEL SHELL LIME	IOWA (1)	
PEARL ESSENCE	MAINE (6)	

NUMBER OF PLANTS PRODUCING INDUSTRIAL FISHERY PRODUCTS, 1971

PRODUCTS	ATLANTIC AND GULF COASTS ^{1/}	PACIFIC COAST ^{2/}	TOTAL
	NUMBER.		
SCRAP AND MEAL, DRIED:			
ALEWIFE	3	-	3
ANCHOVY	-	6	6
CARP	1	-	1
CRAB	11	3	14
GROUND FISH	1	-	1
HAKE	-	1	1
HERRING, SEA	2	1	3
MENHADEN	26	-	26
MULLET	1	-	1
SALMON	-	1	1
SHRIMP	21	1	22
THREAD HERRING	6	-	6
TUNA AND MACKEREL	1	11	12
WHALE	-	1	1
UNCLASSIFIED	6	2	8
OIL:			
BODY:			
ALEWIFE	2	1	3
ANCHOVY	-	6	6
CARP	1	-	1
HAKE	-	1	1
HERRING, SEA	2	1	3
MENHADEN	25	-	25
SALMON	-	2	2
THREAD HERRING	7	-	7
TUNA AND MACKEREL	-	7	7
WHALE:			
SPERM	-	1	1
OTHER	-	1	1
UNCLASSIFIED	4	2	6
SHELL PRODUCTS:			
CLAM SHELLS PROCESSED FOR FOOD SERVING	1	-	1
CRAB SHELLS PROCESSED FOR FOOD SERVING	4	-	4
MARINE PEARL SHELL BUTTONS	2	-	2
MUSSEL CHIPS, COLORED (FRESH-WATER)	1	-	1
MUSSEL SHELL LIME (FRESH-WATER) . .	1	-	1
OYSTER SHELL:			
CRUSHED SHELL FOR POULTRY FEED . . .	5	1	6
SHELL LIME (BURNED AND UNBURNED) . .	3	1	4
SEAWEED PRODUCTS:			
AGAR-AGAR	-	1	1
IRISH MOSS EXTRACTS	2	-	2
KELP PRODUCTS	-	3	3
MISCELLANEOUS:			
ANIMAL FEEDS	1	5	6
FISH FEED PELLETS	-	1	1
FISH SOLUBLES	22	5	27
LEATHER PRODUCTS	1	-	1
LIQUID FERTILIZER	-	1	1
PEARL ESSENCE	6	-	6
TOTAL EXCLUSIVE OF DUPLICATION	91	32	123

^{1/} INCLUDES FIRMS IN THE MISSISSIPPI RIVER AND GREAT LAKES AREA.

^{2/} INCLUDES AMERICAN SAMOA AND PUERTO RICO.

PRODUCTION OF INDUSTRIAL FISHERY PRODUCTS, 1951-71

YEAR	MENHADEN DRIED SCRAP AND MEAL		HERRING MEAL		SARDINE (PACIFIC) MEAL	
	TONS	DOLLARS	TONS	DOLLARS	TONS	DOLLARS
1951.	115,426	13,877,636	9,631	1,370,083	17,225	2,266,968
1952.	143,968	17,844,511	9,864	1,314,361	390	51,741
1953.	174,752	21,767,205	5,206	717,472	144	18,966
1954.	183,091	23,783,364	6,973	928,862	6,513	842,649
1955.	190,628	25,457,512	7,671	1,163,464	6,966	968,908
1956.	210,582	27,439,634	11,298	1,562,622	2,809	369,867
1957.	172,388	21,725,888	13,891	1,861,961	1,474	183,330
1958.	158,074	20,698,929	10,277	1,457,982	10,756	1,390,200
1959.	223,893	26,391,987	11,963	1,589,237	2,927	323,999
1960.	218,423	19,201,716	9,151	834,426	3,508	316,463
1961.	247,551	25,852,498	5,268	619,934	2,518	257,171
1962.	239,707	28,249,566	5,095	688,984	702	73,260
1963.	184,205	22,263,320	7,537	856,432	(2)	(2)
1964.	160,349	20,001,220	8,881	1,102,522	(2)	(2)
1965.	175,959	25,869,014	12,932	2,005,617	-	-
1966.	134,954	20,539,455	11,860	1,971,118	-	-
1967.	119,135	15,265,369	9,492	1,328,183	-	-
1968.	143,154	19,534,274	15,411	2,127,988	-	-
1969.	159,493	26,960,278	6,563	1,044,801	-	-
1970.	188,550	34,657,788	6,415	1,174,696	-	-
1971.	221,004	34,968,799	5,163	855,685	-	-

YEAR	TUNA AND MACKEREL MEAL		OTHER MEAL, ACIDULATED, DRIED AND GREEN SCRAP		TOTAL, SCRAP AND MEAL	
	TONS	DOLLARS	TONS	DOLLARS	TONS	DOLLARS
1951.	23,147	3,021,720	44,327	4,837,490	209,756	25,373,897
1952.	21,951	2,892,874	45,230	5,058,167	221,403	27,161,654
1953.	20,029	2,622,631	38,720	4,433,379	238,851	29,559,653
1954.	21,576	2,850,605	38,814	4,348,517	256,967	32,753,997
1955.	23,396	3,120,302	35,841	4,039,282	264,502	34,749,468
1956.	26,266	3,355,069	44,838	5,159,699	295,793	37,886,891
1957.	25,716	3,037,436	50,616	5,783,140	264,085	32,591,755
1958.	25,311	3,185,772	43,722	5,025,696	248,140	31,758,579
1959.	25,380	2,847,204	42,388	4,773,438	306,551	35,925,865
1960.	26,499	2,318,877	32,856	2,610,106	290,137	25,281,588
1961.	21,243	2,056,426	34,685	3,153,807	311,265	31,939,836
1962.	26,559	2,578,761	40,196	3,982,659	312,259	35,573,230
1963.	26,957	2,943,109	37,208	4,172,288	255,907	30,235,149
1964.	21,113	2,229,443	44,909	4,705,673	235,252	28,038,858
1965.	25,399	3,032,063	39,761	4,800,367	254,051	35,707,061
1966.	25,290	3,199,211	51,717	6,566,004	223,821	32,275,788
1967.	25,487	2,757,513	57,075	6,687,219	211,189	26,038,284
1968.	28,781	2,955,047	47,790	5,644,019	235,136	30,261,328
1969.	26,870	3,238,956	59,738	6,578,733	252,664	39,822,768
1970.	26,674	3,753,067	47,558	6,767,716	269,197	46,353,267
1971.	29,287	3,705,977	36,795	4,923,743	292,429	44,454,204

YEAR	FISH SOLUBLES AND HOMOGENIZED CONDENSED FISH		OYSTER AND MARINE CLAM SHELL LIME AND GRIT		FRESH-WATER MUSSEL SHELL PRODUCTS	MARINE PEARL SHELL BUTTONS
	TONS	DOLLARS	TONS	DOLLARS	DOLLARS	DOLLARS
1951.	50,364	4,128,356	453,319	3,568,745	3,845,661	7,714,846
1952.	70,482	5,979,865	429,348	3,359,024	4,438,545	6,905,104
1953.	81,494	7,344,967	466,732	3,830,276	5,357,849	7,403,894
1954.	115,030	10,591,709	482,687	4,172,518	5,896,153	6,955,096
1955.	110,919	8,354,492	359,565	3,148,658	4,787,020	6,606,363
1956.	128,829	9,989,083	386,200	3,943,621	4,441,702	6,127,940
1957.	122,273	10,218,269	478,568	5,200,589	3,333,369	5,754,892
1958.	130,177	11,518,710	431,171	4,718,786	2,424,569	4,217,522
1959.	165,359	10,043,051	399,338	4,937,182	1,221,142	3,166,190
1960.	98,929	4,020,992	470,825	6,821,034	1/ 577,221	2,675,928
1961.	112,254	5,468,643	442,835	6,341,864	1/ 702,296	2,317,503
1962.	124,649	6,634,748	435,656	5,888,713	1/ 763,773	1,904,488
1963.	107,402	6,753,065	398,583	5,479,819	1/ 369,020	1,151,549
1964.	93,236	5,662,194	362,543	4,914,924	1/ 272,281	1,004,344
1965.	94,850	5,939,073	349,528	4,558,346	1/ 116,669	900,600
1966.	83,441	5,160,371	334,212	4,315,125	(4)	815,595
1967.	74,675	4,587,708	311,367	4,144,107	(4)	788,575
1968.	71,833	3,706,548	239,798	3,572,487	(4)	1,078,408
1969.	81,692	4,123,126	207,332	3,329,118	(4)	841,000
1970.	94,968	4,946,385	204,037	3,409,340	-	(5)
1971.	110,403	4,988,705	228,606	4,128,422	-	(5)

SEE FOOTNOTES AT END OF TABLE.

(CONTINUED ON NEXT PAGE)



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PRODUCTION OF INDUSTRIAL FISHERY PRODUCTS,
1951-71 - Continued

YEAR	MENHADEN OIL		HERRING OIL		SARDINE (PACIFIC) OIL	
	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS
1951. . . .	94,108	9,771,154	11,346	1,205,384	14,569	1,545,927
1952. . . .	96,605	5,785,395	8,115	517,538	157	10,815
1953. . . .	133,694	9,005,317	5,390	360,533	98	6,402
1954. . . .	139,811	9,755,320	5,707	434,347	5,669	420,331
1955. . . .	159,241	12,195,454	5,183	655,681	6,733	521,566
1956. . . .	168,211	14,052,275	13,681	1,141,311	2,530	180,544
1957. . . .	118,484	9,466,198	14,106	1,139,978	655	54,615
1958. . . .	127,985	9,434,108	13,203	882,119	5,556	425,695
1959. . . .	154,712	10,743,781	15,004	988,994	1,409	91,691
1960. . . .	183,403	11,582,027	11,459	656,295	1,201	78,055
1961. . . .	235,167	12,913,447	6,135	410,710	646	36,221
1962. . . .	232,019	10,059,839	5,066	237,897	161	10,442
1963. . . .	167,635	9,853,302	5,709	292,956	(2)	(2)
1964. . . .	157,730	11,734,325	10,354	785,152	-	-
1965. . . .	175,204	13,240,988	8,528	740,336	-	-
1966. . . .	144,158	10,981,357	7,852	535,464	-	-
1967. . . .	101,394	4,756,298	5,676	306,635	-	-
1968. . . .	152,020	6,247,396	9,533	376,018	-	-
1969. . . .	149,153	8,252,715	12,484	217,339	-	-
1970. . . .	165,203	15,833,277	5,437	328,407	-	-
1971. . . .	242,071	19,257,705	5,896	488,388	-	-

YEAR	TUNA AND MACKEREL OIL		WHALE AND SPERM OIL		LIVER OIL	
	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS
1951. . . .	5,345	525,552	514	50,200	2,247	2,579,347
1952. . . .	5,586	367,585	-	-	2,074	2,075,014
1953. . . .	4,944	314,536	-	-	1,532	1,430,627
1954. . . .	4,386	243,446	-	-	1,775	1,391,921
1955. . . .	4,087	254,425	-	-	1,642	568,739
1956. . . .	5,290	359,144	2,089	172,703	2,143	625,337
1957. . . .	5,537	397,334	3,276	214,152	1,145	542,031
1958. . . .	4,704	319,163	3,163	219,223	381	234,899
1959. . . .	4,508	190,938	3,910	254,906	247	300,803
1960. . . .	3,819	175,047	3,279	174,569	245	349,613
1961. . . .	5,719	278,160	15,470	242,339	52	54,546
1962. . . .	5,008	235,528	2,567	177,650	44	40,619
1963. . . .	5,903	273,301	2,129	140,616	25	29,070
1964. . . .	4,816	272,178	3,160	195,610	23	24,000
1965. . . .	4,794	333,776	2,667	169,142	(2)	(2)
1966. . . .	4,111	303,320	1,305	81,046	(2)	(2)
1967. . . .	5,218	287,634	2,483	147,434	(2)	(2)
1968. . . .	4,549	162,741	2,394	115,861	(2)	(2)
1969. . . .	4,550	132,172	1,736	103,689	(2)	(2)
1970. . . .	3,534	168,055	680	46,019	(2)	(2)
1971. . . .	4,933	255,233	418	39,368	(2)	(2)

YEAR	OTHER MARINE ANIMAL OIL		TOTAL OIL		OTHER INDUSTRIAL PRODUCTS		GRAND TOTAL
	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS	THOUSAND POUNDS	DOLLARS	
1951. . . .	8,243	946,069	136,292	16,623,643	8,067,079	69,313,027	
1952. . . .	8,111	635,021	120,708	9,391,368	10,756,071	57,991,631	
1953. . . .	152,268	957,441	152,206	11,481,906	5,393,451	74,371,595	
1954. . . .	6,637	559,679	163,985	12,805,444	9,252,219	82,427,135	
1955. . . .	5,848	629,949	189,734	14,866,014	10,820,787	83,335,402	
1956. . . .	7,556	679,758	201,520	17,231,672	12,095,932	91,736,841	
1957. . . .	9,411	805,921	152,615	12,619,229	11,662,865	81,380,968	
1958. . . .	10,167	816,323	12,333,100	12,911,693	13,425,946	79,883,949	
1959. . . .	5,544	511,163	187,334	13,091,976	13,850,120	82,215,526	
1960. . . .	5,697	358,055	209,143	13,385,472	13,831,017	56,595,152	
1961. . . .	6,329	431,483	251,118	14,372,688	13,425,946	74,569,974	
1962. . . .	4,590	239,233	250,075	11,001,408	13,911,209	75,677,569	
1963. . . .	4,426	255,797	185,827	10,853,452	13,759,174	68,601,226	
1964. . . .	4,115	235,113	180,198	13,296,991	16,721,404	69,910,956	
1965. . . .	4,247	339,952	195,440	14,852,194	20,756,230	62,630,173	
1966. . . .	6,469	329,301	164,465	12,475,688	17,025,121	72,771,688	
1967. . . .	7,637	683,468	122,398	5,111,689	19,356,446	61,026,789	
1968. . . .	5,576	424,675	174,072	7,325,691	24,181,692	70,127,154	
1969. . . .	11,154	650,277	169,786	9,325,393	25,562,405	83,034,611	
1970. . . .	10,150	808,965	206,084	16,184,724	26,546,033	99,539,749	
1971. . . .	9,064	678,936	262,342	20,729,850	31,377,354	105,678,935	

1/ INCLUDES THE VALUE OF NOVELTIES. 2/ INCLUDED IN OTHER MEAL OR OTHER OIL. 3/ HOMOGENIZED CONDENSED FISH WAS NOT PRODUCED AFTER 1965. 4/ INCLUDED WITH MARINE PEARL SHELL BUTTONS. 5/ INCLUDED WITH OTHER INDUSTRIAL PRODUCTS.